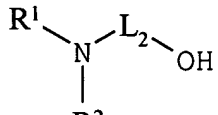
CLAIMS LISTING

1. (currently amended) An ink jet recording material comprising a support and at least one ink receiving layer containing a water-soluble or water-dispersible polymer, wherein said polymer comprises a repeating monomeric unit having a moiety capable of chelating boric acid by means of at least one nitrogen containing functional group and at least one hydroxyl group thereby forming a five- or six-membered ring and wherein said repeating monomeric unit represented by formula (II):



(II)

wherein,

R^1 is selected from the group consisting of a substituted saturated aliphatic group, an unsubstituted saturated aliphatic group, a substituted unsaturated aliphatic group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group;

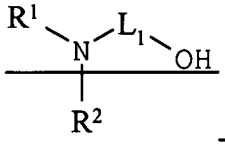
R^2 is selected from the group consisting of hydrogen, a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group;

L_2 represents a linking group containing two or three carbon atoms which may be further substituted or may be part of a ring;

any of L_2, R^1 and R^2 may combine to form a ring, and

at least one of L_2, R^1 and R^2 comprises an ethylenically unsaturated polymerizable group.

2. (currently amended) Ink jet recording material according to claim 1 wherein said ~~monomeric unit is represented by formula (I):~~



~~(I)~~

~~wherein,~~

~~R^1 and R^2 are selected independently from the group consisting of hydrogen, a substituted or unsubstituted, saturated or~~

~~unsaturated aliphatic group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group;~~

~~L_1 represents a~~ linking group L_2 ~~containing~~ contains two or three straight chain carbon atoms which may be further substituted or may be part of a ring~~;~~

~~any of L_1, R^1 and R^2 may combine to form a ring, and at least one of L_1, R^1 and R^2 comprises an ethylenically unsaturated polymerizable group~~.

3.(currently amended) Ink jet recording material according to claim 2 wherein any of ~~L_1~~ L_2, R^1 and R^2 is substituted by one or more groups comprising one or more additional hydroxyl group, amino groups and amide groups.

4.(currently amended) Ink jet recording material according to ~~claim 1~~ claim 2 wherein said polymer comprises at least one other repeating monomeric unit chosen from the list consisting of vinyl acetate, vinyl alcohol, dimethylaminoethyl methacrylate, vinyl amine, vinyl formamide, vinylacetamide, diallyl amine, vinyl versatate,

butyral acrylate, styrene, dimethylaminoethyl acrylate, methacryloxyethyltrimethyl ammonium chloride, ethylacrylate, butylmethacrylate, styrene, methyl methacrylate, butyl acrylate, 2-ethylhexyl methacrylate, vinyl amine, diallyldimethyl ammonium chloride, 2-ethylhexyl acrylate, methacryloxyethyldimethyl-benzylammonium chloride, acryloxyethyldimethyl benzyl ammonium chloride, vinyl caprolactam and vinyl pyrrolidone.

5. (currently amended) Ink jet recording material according to ~~claim 1~~ claim 2 wherein said polymer is a latex.

6. (currently amended) Ink jet recording material according to ~~claim 1~~ claim 2 wherein said polymer ~~functions as binder~~ is a copolymer with at least one other monomer.

7. (currently amended) Ink jet recording material according to ~~claim 1~~ claim 2 wherein said ink receiving layer further comprises a pigment.

8.(original) Ink jet recording material according to claim 7 wherein said pigment is an inorganic pigment.

9.(original) Ink jet recording material according to claim 8 wherein inorganic pigment is chosen from the group consisting of aluminum oxide, boehmite, pseudo-boehmite, gibbsite, bayerite, aluminum hydroxide, silica, clay, calcium carbonate, zirconia, and mixed inorganic oxides/hydroxides.

10.(currently amended) Ink jet recording material according to ~~claim 1~~ claim 2 wherein said ink receiving layer further contains a hardener capable of crosslinking said polymer.

11.(original) Ink jet recording material according to claim 10 wherein said hardener is boric acid.

12.(canceled)

13.(currently amended) Ink jet recording material according to ~~claim 12~~ claim 1, wherein L_2 is selected from the group consisting of $-CH_2CH_2-$, $-CH_2CH_2CH_2-$, $-CH_2CH(CH_3)-$, -

$CH(CH_3)CH_2-$, $-CH_2CH(CH_2OH)-$, $-CH(CH_2OH)CH_2-$, $-CH=CH-$, $-CH=CHCH_2-$, $-C\equiv CCH_2-$,

$-CH_2CH=CH-$, $-CH_2C\equiv C-$, $-CH=C(CH_3)-$ and $-C(CH_3)=CH-$.

14. (currently amended) Ink jet recording material according to ~~claim 12~~ claim 1 wherein any of L_2, R^1 and R^2 is substituted by one or more groups comprising one or more additional hydroxyl group, amino groups and amide groups.

15. (currently amended) Ink jet recording material according to ~~claim 12~~ claim 1 wherein said polymer comprises at least one other repeating monomeric unit chosen from the list consisting of vinyl acetate, vinyl alcohol, dimethylaminoethyl methacrylate, vinyl amine, vinyl formamide, vinylacetamide, diallyl amine, vinyl versatate, butyral acrylate, styrene, dimethylaminoethyl acrylate, methacryloxyethyltrimethyl ammonium chloride, ethylacrylate, butylmethacrylate, styrene, methyl methacrylate, butyl acrylate, 2-ethylhexyl methacrylate, vinyl amine, diallyldimethyl ammonium chloride, 2-ethylhexyl acrylate, methacryloxyethyldimethyl-benzylammonium chloride,

acryloxyethyldimethyl benzyl ammonium chloride, vinyl caprolactam and vinyl pyrrolidone.

16. (currently amended) Ink jet recording material according to ~~claim 12~~ claim 1 wherein said polymer is a latex.

17. (currently amended) Ink jet recording material according to ~~claim 12~~ claim 1 wherein said polymer ~~functions as binder~~ is a copolymer with at least one other monomer.

18. (currently amended) Ink jet recording material according to ~~claim 12~~ claim 1 wherein said ink receiving layer further comprises a pigment.

19. (original) Ink jet recording material according to claim 18 wherein said pigment is an inorganic pigment.

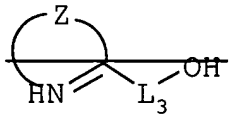
20. (original) Ink jet recording material according to claim 19 wherein inorganic pigment is chosen from the group consisting of aluminum oxide, boehmite, pseudo-boehmite, gibbsite,

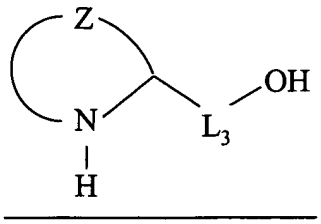
bayerite, aluminum hydroxide, silica, clay, calcium carbonate, zirconia, and mixed inorganic oxides/hydroxides.

21. (currently amended) Ink jet recording material according to ~~claim 12~~ claim 1 wherein said ink receiving layer further contains a hardener capable of crosslinking said polymer.

22. (original) Ink jet recording material according to claim 21 wherein said hardener is boric acid.

23. (currently amended) An ink jet recording material comprising a support and at least one ink receiving layer containing a water-soluble or water-dispersible polymer, wherein said polymer comprises a repeating monomeric unit represented by formula (III):





(III)

wherein,

Z represents the necessary atoms to form a substituted or unsubstituted five- or six-membered heteroring;

L_3 represents a linking group containing one or two carbon atoms which may be further substituted or may be part of a ring, and

at least one of the heteroring or L_3 comprises an ethylenically unsaturated polymerizable group.

24. (original) Ink jet recording material according to claim 23, wherein L_3 is selected from the group consisting of $-CH_2CH_2-$, $-CH(CH_3)-$,

$-CH=CH-$ and $-C\equiv C-$.

25. (original) Ink jet recording material according to claim 23 wherein L_3 is substituted by one or more groups comprising

one or more additional hydroxyl group, amino groups and amide groups.

26. (original) Ink jet recording material according to claim 23 wherein a hydrogen atom of L_3 is replaced by a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group.

27. (original) Ink jet recording material according to claim 23 wherein said polymer comprises at least one other repeating monomeric unit chosen from the list consisting of vinyl acetate, vinyl alcohol, dimethylaminoethyl methacrylate, vinyl amine, vinyl formamide, vinylacetamide, diallyl amine, vinyl versatate, butyral acrylate, styrene, dimethylaminoethyl acrylate, methacryloxyethyltrimethyl ammonium chloride, ethylacrylate, butylmethacrylate, styrene, methyl methacrylate, butyl acrylate, 2-ethylhexyl methacrylate, vinyl amine, diallyldimethyl ammonium chloride, 2-ethylhexyl acrylate, methacryloxyethyldimethyl-

benzylammonium chloride, acryloxyethyldimethyl benzyl ammonium chloride, vinyl caprolactam and vinyl pyrrolidone.

28. (original) Ink jet recording material according to claim 23 wherein said polymer is a latex.

29. (currently amended) Ink jet recording material according to claim 23 wherein said polymer ~~functions as binder~~ is a copolymer with at least one other monomer.

30. (original) Ink jet recording material according to claim 23 wherein said ink receiving layer further comprises a pigment.

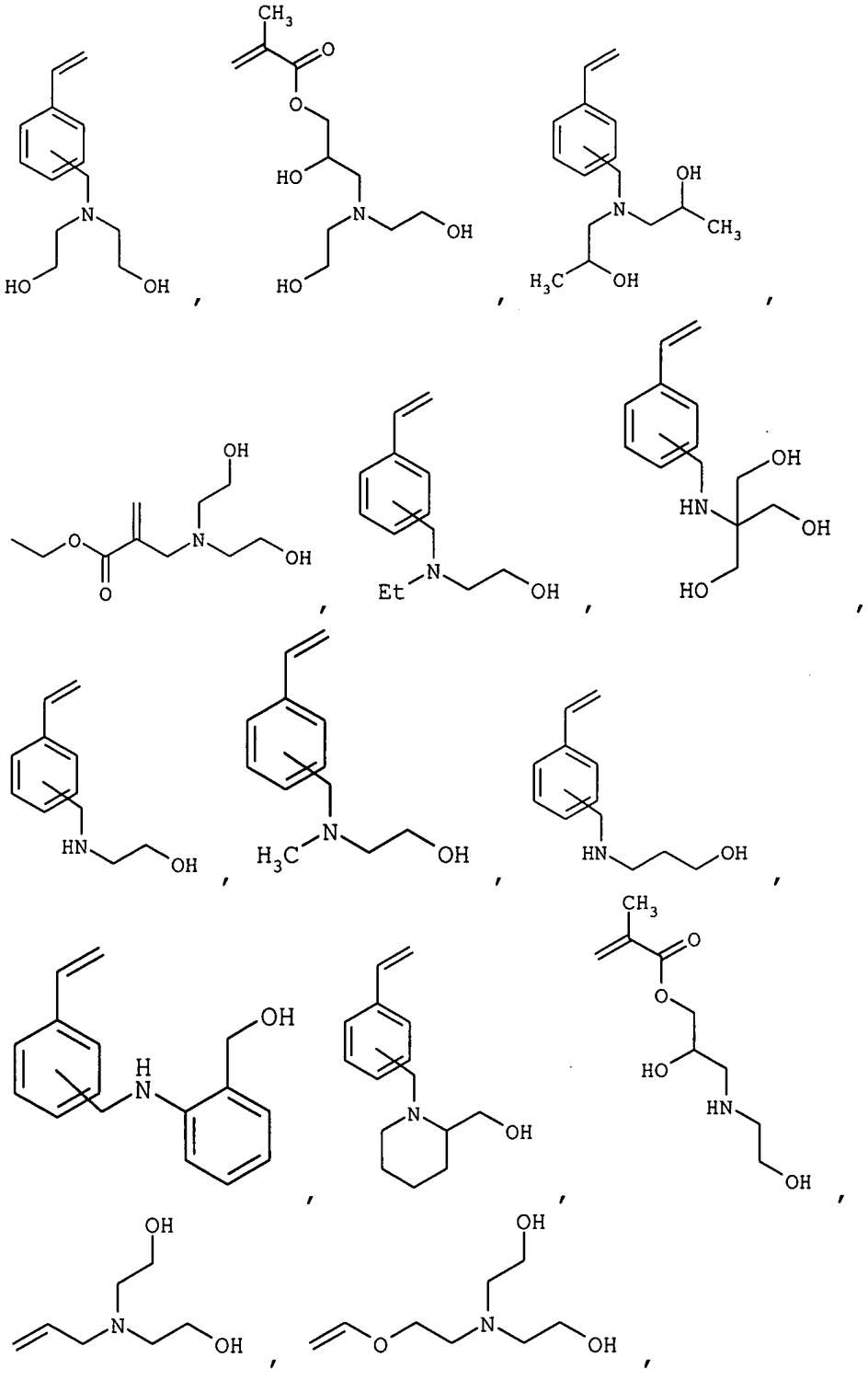
31. (original) Ink jet recording material according to claim 30 wherein said pigment is an inorganic pigment.

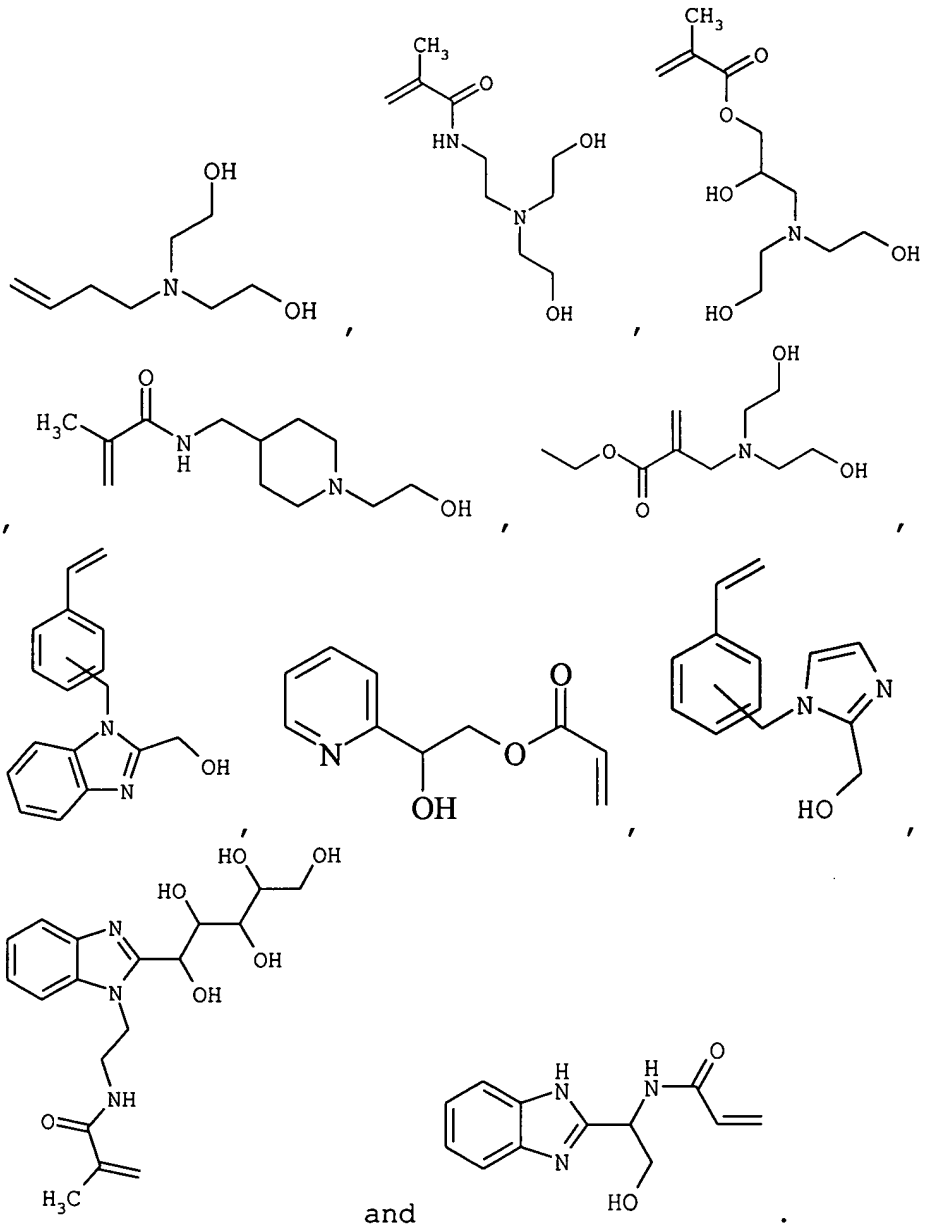
32. (original) Ink jet recording material according to claim 31 wherein inorganic pigment is chosen from the group consisting of aluminum oxide, boehmite, pseudo-boehmite, gibbsite, bayerite, aluminum hydroxide, silica, clay, calcium carbonate, zirconia, and mixed inorganic oxides/hydroxides.

33. (currently amended) Ink jet recording material according to ~~any of claims~~ claim 23 wherein said ink receiving layer further contains a hardener capable of crosslinking said polymer.

34. (original) Ink jet recording material according to claim 33 wherein said hardener is boric acid.

35. (new) An ink jet recording material comprising a support and at least one ink receiving layer containing a water-soluble or water-dispersible polymer, wherein said polymer comprises a repeating monomeric unit having a moiety capable of chelating boric acid by means of at least one nitrogen containing functional group and at least one hydroxyl group thereby forming a five- or six-membered ring wherein said monomeric unit is represented by a monomeric unit selected from the group consisting of:





and